

## LATERALLY EXTENDABLE BUMPER SYSTEM

### ABSTRACT

[0019] An extendable bumper system for a vehicle, the extendable bumper system comprising: a bumper structure; a laterally extending bumper segment slideably located within the bumper structure; and an actuator in operable communication between the bumper structure and the laterally extending bumper segment. An extendable bumper system for a modular vehicle, the extendable bumper system comprising: a bumper structure located on a moveable platform; a laterally extending bumper segment slideably located within the bumper structure; and a lateral bumper rail located on a body pod and configured to receive the laterally extending bumper segment.